

Product Datasheet

SARS-CoV-2 NSP10 Antibody - BSA Free NBP3-07057

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-07057

SARS-CoV-2 NSP10 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS

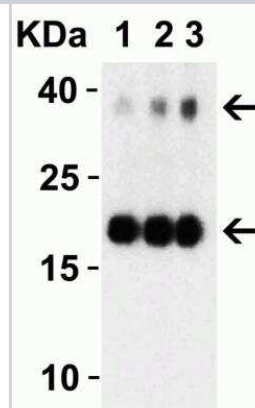
Product Description	
Host	Rabbit
Gene ID	43740578
Gene Symbol	ORF1ab
Species	SARS-CoV-2
Reactivity Notes	Predicted reactivity based on immunogen sequence: SARS-CoV NSP10 protein: (80%)
Immunogen	This antibody was raised against a peptide corresponding to 10 amino acids near the carboxyl terminus of SARS-CoV-2 (COVID-19) NSP10 protein. The immunogen is located in the last 50 amino acids of SARS-CoV-2 (COVID-19) NSP10.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-4 ug/ml, ELISA 1 ug/mL, Immunohistochemistry 0.5 ug/ml, Immunohistochemistry-Paraffin

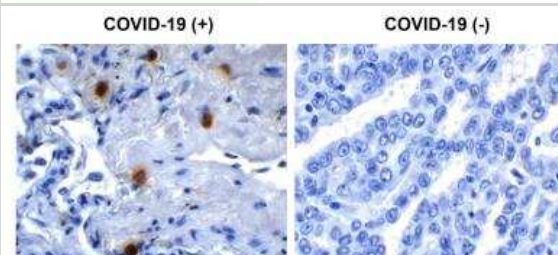


Images

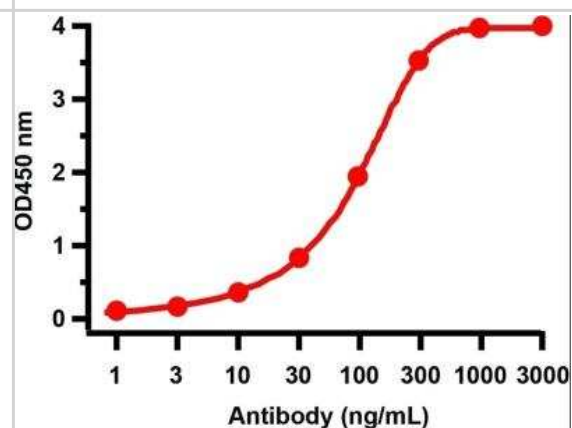
Western Blot: SARS-CoV-2 NSP10 Antibody [NBP3-07057] - Loading: 30 ng per lane of SARS-CoV-2 (COVID-19) NSP10 recombinant protein (10-408). Antibodies: SARSCoV-2 (COVID-19) NSP10, 1h incubation at RT in 5% NFDm/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution. Lane 1: 1 ug/mL Lane 2: 2 ug/mL Lane 3: 4 ug/mL



Immunohistochemistry-Paraffin: SARS-CoV-2 NSP10 Antibody [NBP3-07057] - Immunohistochemical analysis of paraffin-embedded COVID-19 patient lung tissue using anti- SARS-CoV-2 (COVID-19) NSP10 antibody (0.5 ug/mL). Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4 degrees celsius. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin. Strong signal of SARS-COV-2 NSP10 protein was observed in macrophage of COVID-19 patient lung, but not in non-COVID-19 patient lung.



ELISA: SARS-CoV-2 NSP10 Antibody [NBP3-07057] - Antibodies: SARS-CoV-2 (COVID-19) NSP10 Antibody. A direct ELISA was performed using SARS-CoV-2 NSP10 recombinant protein as coating antigen and the anti-SARS-CoV-2 (COVID-19) NSP10 antibody as the capture antibody. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:20000 dilution. Detection range is from 1 ng/mL to 3000 ng/mL.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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